

MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM

AIRPORT:	CONRAD (S01)	AIRPORT REFERENCE CODE:	B-I (SM)
CITY:	CONRAD	APPROACH TYPE:	NPI
CONTACT:	STEVE BECKER	DATE INVENTORIED:	1-25-96
PHONE #:	278-5672	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 5/23 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	125'-127'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	150'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	125'	197'		✓
RUNWAY WIDTH:	60'	73'		✓
RUNWAY LENGTH:	5,100' (1)		4,600'	75%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(2)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1"+		OK
PAVEMENT MARKING TYPE:	NPI	BASIC / NPI		✓
PAVEMENT MARKING CONDITION:		FAIR		N/A
RUNWAY 5 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			3,544.1	N/A
RUNWAY 23 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			3,525.2	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL, STAKE MOUNTED, CROUSE-HINDS			N/A
CONDITION:		FAIR		N/A
COLOR:	WHITE	WHITE & YELLOW		✓
THRESHOLD 5				
DISTANCE FROM PAVEMENT EDGE:	10'	8'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 23				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

(1) R/W LENGTH OF 3,730' FOR 75%, 4,710' FOR 95% AND 5,100' FOR 100% COVERAGE; ALP ULT OF 5,100' SHOWN
(2) WIND CONE (17.5%), BEACON (18%), AND LIGHT POLE (17%) PENETRATE TRANSITION SURFACE

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	25'	40'		✓
TAXIWAY SAFETY AREA WIDTH:	49	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	89	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	44.5	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1.5+		✓
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		FAIR		N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	(1) 10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:		REFLECTORS		(2)
CONDITION:		GOOD		N/A
COLOR:	BLUE	BLUE		✓

MISCELLANEOUS

TYPE OF BEACON:	MOUNTED ON SHORT METAL TOWER ON TOP OF MAIN HANGAR
SIZE OF BEACON:	12" (4 HEAD)
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	ALNACO VASI @23 END, GOOD COND, 50' OFF PVMT EDGE HUGHEY & PHILLIPS REILS @23 END IN FAIR COND
WINDCONE (CONDITION & COMPLIANCE):	SOUTH OF RW ~370', LIGHTED, 25'-30', FAIR COND (TOP LOOSE)
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	METAL PANEL IN FAIR (WEATHERED) COND
WINDCONE (CONDITION & COMPLIANCE):	
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	
FENCING:	GOOD - NONE
SIGNS: (TYPE, CONDITION, PLACEMENT)	TWO LUMACURVES IN GOOD COND, 15' OFF PVMT EDGE (REFLECTORIZED PANELS ARE PEELING)

COMMENTS:

(1) ENTRANCE BLUE LIGHT PAIRS MARKING TAXIWAY EXITS

(2) MISSING ~ FOUR REFLECTORS AROUND RADIUS